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## Certificate of Facsimile

I hereby certify that this correspondence is being facsimile-transmitted to the Commissioner for Patents and Trademarks at 571-273-8300 on the below date:

Date: March 1, 2007

Name: Carolyn Beason-Held

Signature:

*Carolyn Beason-Held*BRINKS  
HOFER  
GILSON  
& LIONE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: POMBEIRO, Armando, et al.

Appln. No.: 10/532,387

Filed: November 4, 2005

For: VANADIUM CATALYSTS AND PROCESS  
FOR THE DIRECT CONVERSION OF  
METHANE INTO ACETIC ACID

Examiner: Zucker, Paul A.

Art Unit: 1621

Attorney Docket No: 10866/004

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

Sir:

## Attached is/are:

- ☒ Amendment and Response to Office Action of December 5, 2006 (8 pages including transmittal)  
☐ Return Receipt Postcard

## Fee calculation:

- ☒ No additional fee is required.  
☐ Small Entity.  
☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
☐ A petition or surcharge in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.16(e).  
☐ An additional filing fee has been calculated as shown below:

		Small Entity		Not a Small Entity	
	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee
Total	4	Minus 20	0	x \$25=	
Indep.	2	Minus 3	0	x \$100=	
First Presentation of Multiple Dep. Claim				+\$180=	
			Total	\$	

## Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ to cover the above-identified fee(s) is enclosed.  
☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).  
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

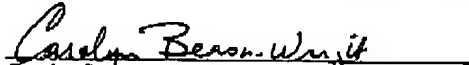
*March 1, 2007*  
Date*Lawrence A. Steward*  
Lawrence A. Steward (Reg. No. 32,309)

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Carolyn Beason-Wright

Atty. Docket 10866/004

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re: patent application of	)	
	)	
POMBEIRO, Armando, et al.	)	Examiner: Zucker, Paul A.
	)	
U.S. Serial No.: 10/532,387	)	
	)	
Filed: November 4, 2005	)	Group Art Unit: 1621
	)	
VANADIUM CATALYSTS AND	)	
PROCESS FOR THE DIRECT	)	Confirmation No.: 1766
CONVERSION OF METHANE INTO	)	
ACETIC ACID	)	

AMENDMENT AND RESPONSE TO  
OFFICE ACTION OF DECEMBER 5, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Office Action mailed December 5, 2006.

**Amendments to the Title** are presented on page 2 of this paper.

**Amendments to the Specification** are presented on page 3 of this paper.

**Amendments to the Claims** is reflected in the listing of claims that begins on  
page 4 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

**Amendments to the Title:**

Please amend the Title of the application to

--PROCESS FOR DIRECT CONVERSION OF METHANE INTO ACETIC  
ACID--